

MEMORANDUM OF OIL AND GAS LEASE AGREEMENT

THIS MEMORANDUM OF OIL AND GAS LEASE AGREEMENT, dated this 8 day of FEBRUARY, 2010, by and between Rebecca S. Littleton and Harry L. Littleton, her husband, RR 3 Box 124 B, Moundsville, West Virginia, 26041, hereinafter referred to as "Lessor" (whether one or more), and TRANS ENERGY, INC., P.O. BOX 393, ST. MARYS, WEST VIRGINIA 26170 (50%) and REPUBLIC PARTNERS VI, LP, 4925 Greenville Avenue, Suite 1050, Dallas, Texas 75206 (50%), hereinafter referred to as "Lessee".

WITNESSETH:

For and in consideration of One Dollar (\$1.00) and other good and valuable consideration paid by Lessee to Lessor and in further consideration of the covenants and conditions more particularly set forth in a certain lease between Lessor and Lessee dated 2/8, 2010 (hereinafter referred to as the "Lease"), Lessor does demise and let unto Lessee the following described premises situate in the District of Cameron, County of Marshall, State of WEST VIRGINIA;

Being Map 19, Parcel 72, containing 57 acres, more or less, (hereinafter referred to as the "Premises") for the purpose of exploring for by geophysical, seismic, and other methods, drilling, operating for, producing and removing oil and gas and all the constituents thereof.

Title to the Premises was inherited by Lessor by Fiduciary Record, recorded in Volume/Book 13, Page 247 in the Marshall County Records.

I. To have and to hold the Premises for a term commencing 2/8, 2010 and terminating five years thereafter in the event that Lessee does not drill one well, and if such well is drilled for so much longer thereafter as oil or gas or their constituents are produced or are capable of being commercially produced. Lessee shall have the option to renew this lease for a like term for the same consideration.

IN WITNESS WHEREOF, the parties to this agreement have hereunto set their hands and seals this day and year first above written.

Lessor Signatures:

Rebecca S. Littleton  
Rebecca S. Littleton

Harry L. Littleton  
Harry L. Littleton

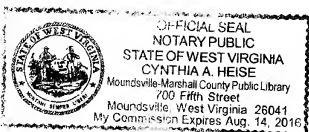
Lessee Signature:

Mark D. Woodburn  
Mark D. Woodburn  
Land Department Manager

STATE OF West Virginia,

COUNTY OF Marshall, TO-WIT:

The foregoing instrument was acknowledged before me this 8 day of February, 2010, by Rebecca S. Littleton and Harry L. Littleton.



STATE OF WEST VIRGINIA

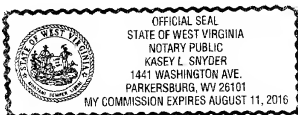
COUNTY OF Pleasants, TO-WIT:

The foregoing instrument was acknowledged before me this 10 day of Feb., 2010, by Mark D. Woodburn, Land Department Manager of Trans Energy, Inc., a Nevada corporation, on behalf of Trans Energy, Inc., and as a representative of Republic Partners VI, LP.

This document was prepared by and is to be returned to:



PO Box 393  
St. Marys, WV 26170



Jan Pest  
MARSHALL County 12:08:01 PM  
Instrument No 1281808  
Date Recorded 02/19/2010  
Document Type O&G  
Pages Recorded 1  
Book-Page 695-130  
Recording Fee \$5.00  
Additional \$6.00

8-11-2016

My Commission expires

Kasey L. Snyder  
Notary Public

STATE OF WEST VIRGINIA, MARSHALL COUNTY, SCT.:

I, JAN PEST, Clerk of the County Commission of said County, do hereby certify that the annexed writing, bearing date on the 8th day of February, 2010, was presented for and by me, admitted to record in my office upon the above certificate as to the parties therein named this 19th day of February, 2010 at 12:08 o'clock P.M.

TESTE: Jan Pest Clerk.